

What is claimed is:

1. A suspension assembly applicable to both manual and power steering systems, comprising:

5 a strut having a coil spring and a shock absorber integrally coupled to the coil spring, for supporting a vehicle body;

 an insulator for mounting an upper end of the strut to the vehicle body;

 a steering knuckle connected to a lower end of the strut;

 a ball joint assembly formed at the steering knuckle;

10 a connector having an insertion hole drilled therein for inserting a ball stud of the ball joint assembly thereto; and

 a lower arm mounted with the connector,

 wherein the insulator has mounting bolt eccentrically disposed relative to the center of the strut, and

15 wherein the connector is exchangeable with another connector having the insertion hole drilled at a different position.

20 2. The suspension assembly as set forth in claim 1, wherein the insertion hole of the connector is eccentrically drilled about a position where the connector is fastened.

25 3. The suspension assembly as set forth in claim 1, wherein the lower arm is mounted to a frame by means of the bracket, and wherein the bracket is shared by two applications with a fastening hole drilled therein to be fitted to a changed geometry of the lower arm.

4. The suspension assembly as set forth in claim 1, wherein the lower arm
is mounted to a frame by means of the bracket, and wherein the bracket has a
plurality of fastening holes drilled therein to allow a changed geometry of the lower
5 arm.

5. The suspension assembly as set forth in claim 2, wherein the lower arm
is mounted to a frame by means of the bracket, and wherein the bracket is shared by
two applications with a fastening hole drilled therein to be fitted to a changed
10 geometry of the lower arm.

6. The suspension assembly as set forth in claim 2, wherein the lower arm
is mounted to a frame by means of the bracket, and wherein the bracket has a
plurality of fastening holes drilled therein to allow a changed geometry of the lower
15 arm.